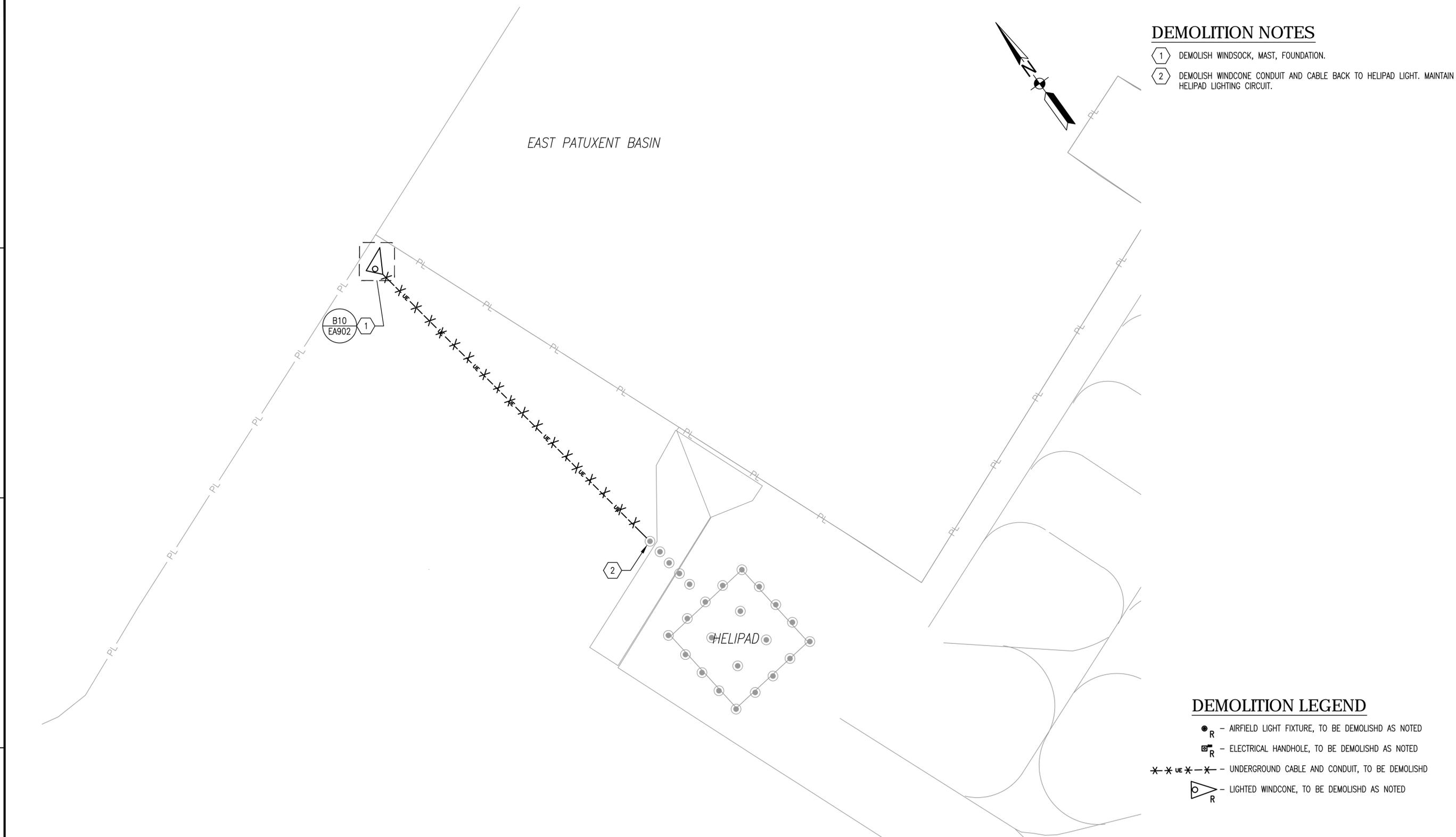


FILE NAME: G:\VHFA\10853_003_FY16_Repairs_Runways_CADD\Phase 2\Electrical_Phase 2\10-8863-009-ED116.dwg LAYOUT NAME: ED116 PARTIAL SITE PLAN - DEMOLITION PLOTTED: Tuesday, September 27, 2016 - 9:51am USER: mhurst

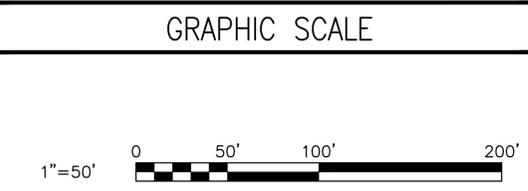
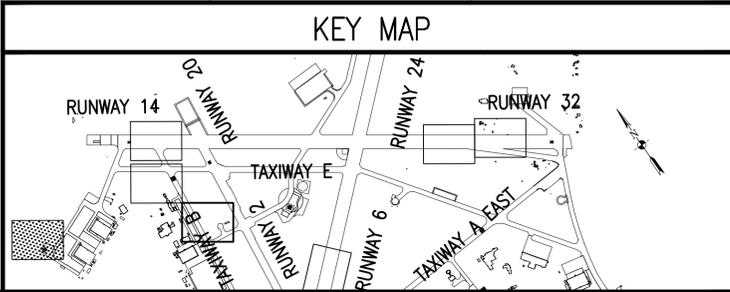


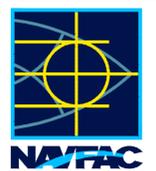
DEMOLITION NOTES

- 1 DEMOLISH WINDSOCK, MAST, FOUNDATION.
- 2 DEMOLISH WINDCONE CONDUIT AND CABLE BACK TO HELIPAD LIGHT. MAINTAIN HELIPAD LIGHTING CIRCUIT.

DEMOLITION LEGEND

- AIRFIELD LIGHT FIXTURE, TO BE DEMOLISHD AS NOTED
- ELECTRICAL HANDHOLE, TO BE DEMOLISHD AS NOTED
- UNDERGROUND CABLE AND CONDUIT, TO BE DEMOLISHD
- LIGHTED WINDCONE, TO BE DEMOLISHD AS NOTED



	APPR
	DATE
	SYN
	DESCRIPTION
	
	
<p>Professional Certification I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DAILY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 24709, EXPIRATION DATE: 07/26/17.</p>	
<p>JOHNSON, MIRMIRAN & THOMPSON <i>Gannett Fleming</i> A Joint Venture 272 Bessie Road, Suite 260 Virginia Beach, Virginia, 23452 Telephone: (757) 499-1895 Web: www.jmt.com</p>	
A/E: NFO	
APPROVED	
FOR COMMANDER NAVFAC:	
ACTIVITY	
<p>JAMES FLETCHER PER CHECKLIST SATISFACTORY TO DATE 9/27/2016</p>	
DES: RCH	DRW: RCH
CHK: DJP	
FM/DM: RH	
BRANCH MANAGER	
CHIEF ENG/ARCH: E. CALLAHER, PE	
DEPARTMENT OF THE NAVY EPT BLUE NAVFAC WASHINGTON NAVFAC WASHINGTON PATUXENT RIVER, MARYLAND FY16 SPECIAL PROJECT RM12-2137 REPAIR RUNWAYS 14-32 & 6-24 - PHASE 2 PARTIAL SITE PLAN - DEMOLITION	WASHINGTON, D.C. PATUXENT RIVER, MARYLAND REPAIR RUNWAYS 14-32 & 6-24 - PHASE 2
SCALE: AS NOTED	
EPROJECT NO.: 1382137	
CONSTR. CONTR. NO. N40080-17-R-0002	
NAVFAC DRAWING NO. 13079971	
SHEET 113 OF 191	
ED116	
DRAWING REVISION: 10 MARCH 2009	

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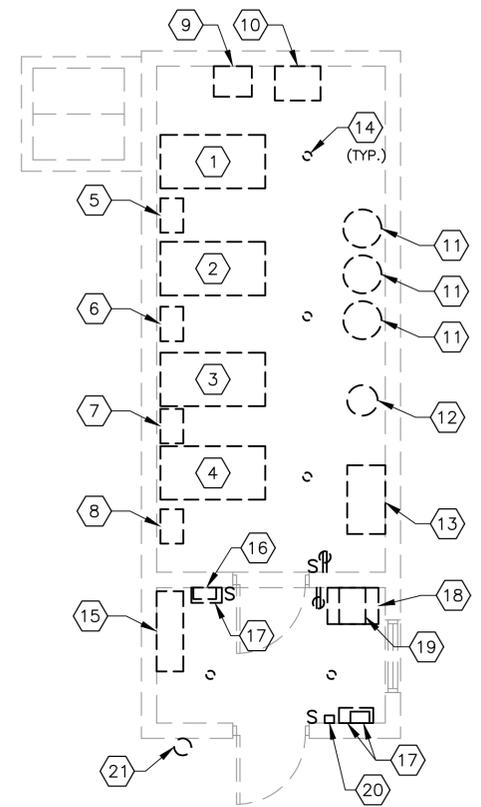
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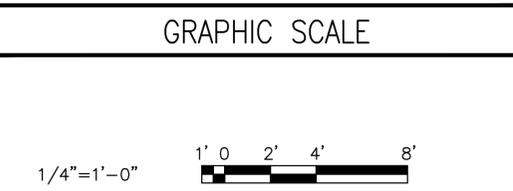
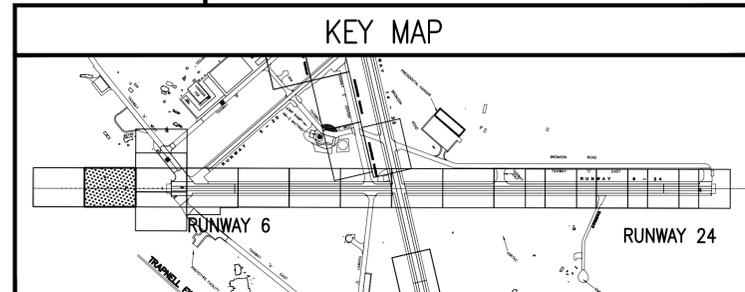
VAULT 155 ELECTRICAL DEMOLITION PLAN 1
 SCALE: 1/4" = 1'-0" E-401

GENERAL DEMOLITION NOTES:

1. REFER TO DRAWINGS EA001 THRU EA003 FOR ELECTRICAL LEGEND, ABBREVIATIONS AND NOTES.
2. REFER TO DRAWINGS E-401, E-402, E-403 AND E-601 FOR NEW WORK.
3. REFER TO ARCHITECTURAL, CIVIL, ELECTRICAL, STRUCTURAL, AND MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.
4. ELECTRICAL EQUIPMENT AND DEVICES SHOWN TO BE DEMOLISHED MUST BE DEMOLISHED ALONG WITH ASSOCIATED FEEDERS, BRANCH CIRCUITS, AND CONDUITS. WIRING MUST BE REMOVED BACK TO THE SOURCE. REMOVE CONDUITS ASSOCIATED WITH DEMOLISHED EQUIPMENT EXCEPT CONDUITS CONCEALED IN WALLS OR FLOOR SLABS. CONTRACTOR MUST DISCONNECT, MAKE SAFE, AND REMOVE LIGHT FIXTURES, RECEPTACLES AND OTHER ASSOCIATED ELECTRICAL EQUIPMENT AND ASSOCIATED CIRCUITRY, EXCEPT AS SHOWN OTHERWISE.
5. EQUIPMENT SHALL NOT BE DEMOLISHED UNTIL NEW VAULT 155 HAS BEEN PLACED INTO SERVICE.
6. PRIOR TO DEMOLITION, CONTRACTOR MUST COORDINATE WITH OTHER DISCIPLINES AND FIELD VERIFY EACH BRANCH CIRCUIT AND MAINTAIN THOSE CIRCUITS THAT EXTEND OUTSIDE OF THE SCOPE OF WORK.
7. ELECTRICAL WORK INDICATED TO REMAIN MUST BE SUITABLY PROTECTED TO PREVENT ANY DAMAGE.
8. REPAIR AND PATCH ANY DISTURBED AREAS TO MATCH EXISTING CONDITIONS.
9. ALL ITEMS NOT TO BE SALVAGED MUST BE DEMOLISHED AND PROPERLY DISPOSED BY CONTRACTOR.

DEMOLITION KEYNOTES:

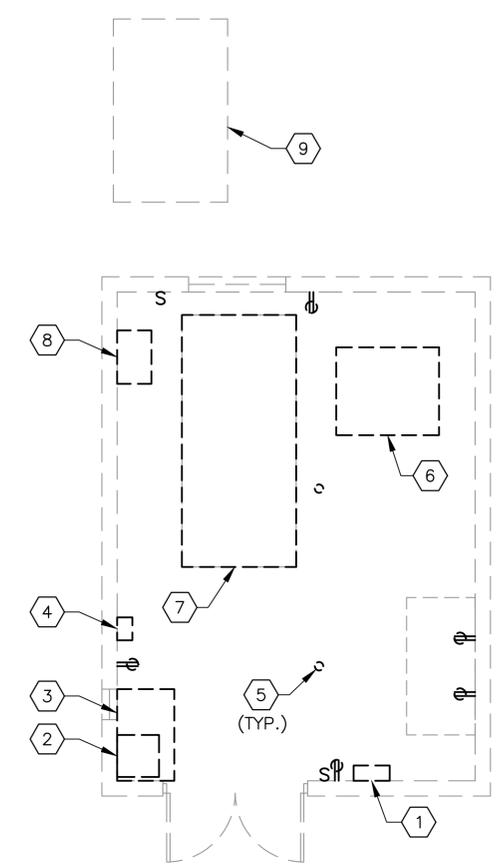
- 1 DEMOLISH EXISTING CCR P05028, 37.5KW/20A/5 STEP/2400V, ASSOCIATED WIRING AND CONDUITS.
- 2 DEMOLISH EXISTING CCR P05029, 37.5KW/20A/5 STEP/2400V, ASSOCIATED WIRING AND CONDUITS.
- 3 DEMOLISH EXISTING CCR P05030, 37.5KW/20A/5 STEP/2400V, ASSOCIATED WIRING AND CONDUITS.
- 4 DEMOLISH EXISTING CCR P05031, 50KW/23A/5 STEP/2400V, ASSOCIATED WIRING AND CONDUITS.
- 5 DEMOLISH EXISTING 5KV SWITCH P05033, ASSOCIATED WIRING AND CONDUITS.
- 6 DEMOLISH EXISTING 5KV SWITCH P05034, ASSOCIATED WIRING AND CONDUITS.
- 7 DEMOLISH EXISTING 5KV SWITCH P05035, ASSOCIATED WIRING AND CONDUITS.
- 8 DEMOLISH EXISTING 5KV SWITCH P05036, ASSOCIATED WIRING AND CONDUITS.
- 9 DEMOLISH EXISTING CURRENT CONTROLLER P05037, ASSOCIATED WIRING AND CONDUITS.
- 10 DEMOLISH EXISTING 200A/5.2KV/1-PHASE SWITCH P05032, ASSOCIATED WIRING AND CONDUITS.
- 11 DEMOLISH EXISTING 50KVA/4160-2400V/1-PHASE TRANSFORMER, ASSOCIATED WIRING AND CONDUITS.
- 12 DEMOLISH EXISTING 4160V-240/120V/1-PHASE TRANSFORMER, ASSOCIATED WIRING AND CONDUITS.
- 13 DEMOLISH EXISTING SWITCHES, ASSOCIATED WIRING AND CONDUITS. TYPICAL OF 3.
- 14 DEMOLISH EXISTING LIGHT FIXTURES, ASSOCIATED WIRING AND CONDUITS.
- 15 DEMOLISH EXISTING LIGHTING CONTROL PANEL VCU #3, ASSOCIATED WIRING AND CONDUITS.
- 16 DEMOLISH EXISTING 240/120V/125A LOAD CENTER, ASSOCIATED WIRING AND CONDUITS.
- 17 DEMOLISH EXISTING PULL BOX, ASSOCIATED WIRING AND CONDUITS.
- 18 DEMOLISH EXISTING GENERATOR MONITOR, ASSOCIATED WIRING AND CONDUITS.
- 19 DEMOLISH EXISTING LIGHTING CONTROL EQUIPMENT, ASSOCIATED WIRING AND CONDUITS.
- 21 DEMOLISH EXISTING 1KVA/480-240/120V/1-PHASE TRANSFORMER, ASSOCIATED WIRING AND CONDUITS.
- 22 DEMOLISH EXISTING ANTENNA, ASSOCIATED WIRING AND CONDUITS.



APPROVED	DATE	APPROVED
PER COMMANDER NAVFAC		DESCRIPTION
ACTIVITY		DATE
JAMES FLETCHER PER CHECKLIST SATISFACTORY TO DATE 9/27/2016 DES JER DRW JER CHK MG PM/TM RH BRANCH MANAGER CHIEF ENG/ARCH E. GALLAHER, PE		
DEPARTMENT OF THE NAVY NAVFAC WASHINGTON NAVAL FACILITIES ENGINEERING COMMAND WASHINGTON, D.C. PATUXENT RIVER, MARYLAND NAVAL AIR STATION PATUXENT RIVER FY16 SPECIAL PROJECT RM12-2137 REPAIR RUNWAYS 14-32 & 6-24 - PHASE 2 VAULT 155 ELECTRICAL DEMOLITION PLAN		
SCALE: 1/4" = 1'-0" PROJECT NO.: 1382137 CONSTR. CONTR. NO.: N40080-17-R-0002 NAVFAC DRAWING NO.: 13079972 SHEET 114 OF 191 ED401 <small>DRAWFORM REVISION: 10 MARCH 2009</small>		

FILE NAME: H:\59487 Fox River\Electrical\Planes\10-0863-009-ED401.dwg LAYOUT NAME: layout1 PLOTTED: Tuesday, September 27, 2016 - 10:43am USER: jfche

FILE NAME: H:\59487 Fox River\Electrical\PlanSet\10-0863-009-ED402.dwg LAYOUT NAME: layout1 PLOTTED: Tuesday, September 27, 2016 - 10:43am USER: jtothe



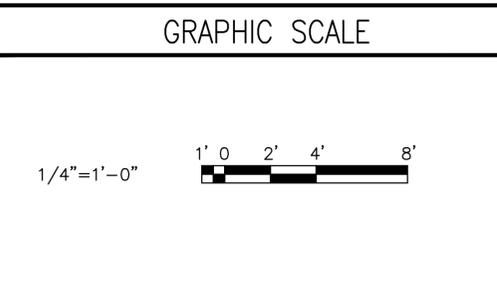
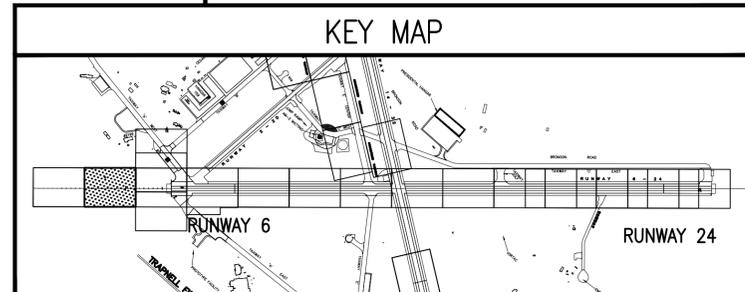
VAULT 1932 ELECTRICAL DEMOLITION PLAN (1)
SCALE: 1/4" = 1'-0" E-402

GENERAL DEMOLITION NOTES:

1. REFER TO DRAWINGS EA001 THRU EA003 FOR ELECTRICAL LEGEND, ABBREVIATIONS AND NOTES.
2. REFER TO DRAWINGS E-401, E-402, E-403 AND E-601 FOR NEW WORK.
3. REFER TO ARCHITECTURAL, CIVIL, ELECTRICAL, STRUCTURAL, AND MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.
4. ELECTRICAL EQUIPMENT AND DEVICES SHOWN TO BE DEMOLISHED MUST BE DEMOLISHED ALONG WITH ASSOCIATED FEEDERS, BRANCH CIRCUITS, AND CONDUITS. WIRING MUST BE REMOVED BACK TO THE SOURCE. REMOVE CONDUITS ASSOCIATED WITH DEMOLISHED EQUIPMENT EXCEPT CONDUITS CONCEALED IN WALLS OR FLOOR SLABS. CONTRACTOR MUST DISCONNECT, MAKE SAFE, AND REMOVE LIGHT FIXTURES, RECEPTACLES AND OTHER ASSOCIATED ELECTRICAL EQUIPMENT AND ASSOCIATED CIRCUITRY, EXCEPT AS SHOWN OTHERWISE.
5. EQUIPMENT SHALL NOT BE DEMOLISHED UNTIL NEW VAULT 155 HAS BEEN PLACED INTO SERVICE.
6. PRIOR TO DEMOLITION, CONTRACTOR MUST COORDINATE WITH OTHER DISCIPLINES AND FIELD VERIFY EACH BRANCH CIRCUIT AND MAINTAIN THOSE CIRCUITS THAT EXTEND OUTSIDE OF THE SCOPE OF WORK.
7. ELECTRICAL WORK INDICATED TO REMAIN MUST BE SUITABLY PROTECTED TO PREVENT ANY DAMAGE.
8. REPAIR AND PATCH ANY DISTURBED AREAS TO MATCH EXISTING CONDITIONS.
9. ALL ITEMS NOT TO BE SALVAGED MUST BE DEMOLISHED AND PROPERLY DISPOSED BY CONTRACTOR.

DEMOLITION KEYNOTES:

- 1 DEMOLISH EXISTING 240/120V/100A/1-PHASE PANEL, ASSOCIATED WIRING AND CONDUITS.
- 2 DEMOLISH EXISTING LIGHTING EQUIPMENT CABINET, ASSOCIATED WIRING AND CONDUITS. TYPICAL OF 2.
- 3 DEMOLISH EXISTING BATTERY CABINET, ASSOCIATED WIRING AND CONDUITS.
- 4 DEMOLISH EXISTING BATTERY CHARGER, ASSOCIATED WIRING AND CONDUITS.
- 5 DEMOLISH EXISTING LIGHT FIXTURES, ASSOCIATED WIRING AND CONDUITS.
- 6 DEMOLISH EXISTING AUTOMATIC TRANSFER SWITCH, ASSOCIATED WIRING AND CONDUITS.
- 7 SALVAGE EXISTING 150KW/4160V/3P/3W GENERATOR AND RETURN TO OWNER. DEMOLISH ASSOCIATED WIRING AND CONDUITS.
- 8 DEMOLISH EXISTING DAY TANK.
- 9 DEMOLISH EXISTING FUEL TANK.



APPROVED	DATE	APPR
PER COMMANDER NAVFAC		
ACTIVITY		
JAMES FLETCHER PER CHECKLIST		
SATISFACTORY TO DATE 9/27/2016		
DES JER DRW JER CHK MG		
PM/TM RH		
BRANCH MANAGER		
CHIEF ENGR/ARCH E. GALLAHER, PE		
DEPARTMENT OF THE NAVY		
NAVFAC WASHINGTON		
NAVAL FACILITIES ENGINEERING COMMAND		
WASHINGTON, D.C.		
NAVAL AIR STATION PATUXENT RIVER		
PATUXENT RIVER, MARYLAND		
FY16 SPECIAL PROJECT RM12-2137		
REPAIR RUNWAYS 14-32 & 6-24 - PHASE 2		
VAULT 1932 ELECTRICAL DEMOLITION PLAN		
SCALE: 1/4" = 1'-0"		
EPROJCT NO.: 1382137		
CONSTR. CONTR. NO. N40080-17-R-0002		
NAVFAC DRAWING NO. 13079973		
SHEET 115 OF 191		
ED402		
DRAWFORM REVISION: 10 MARCH 2009		

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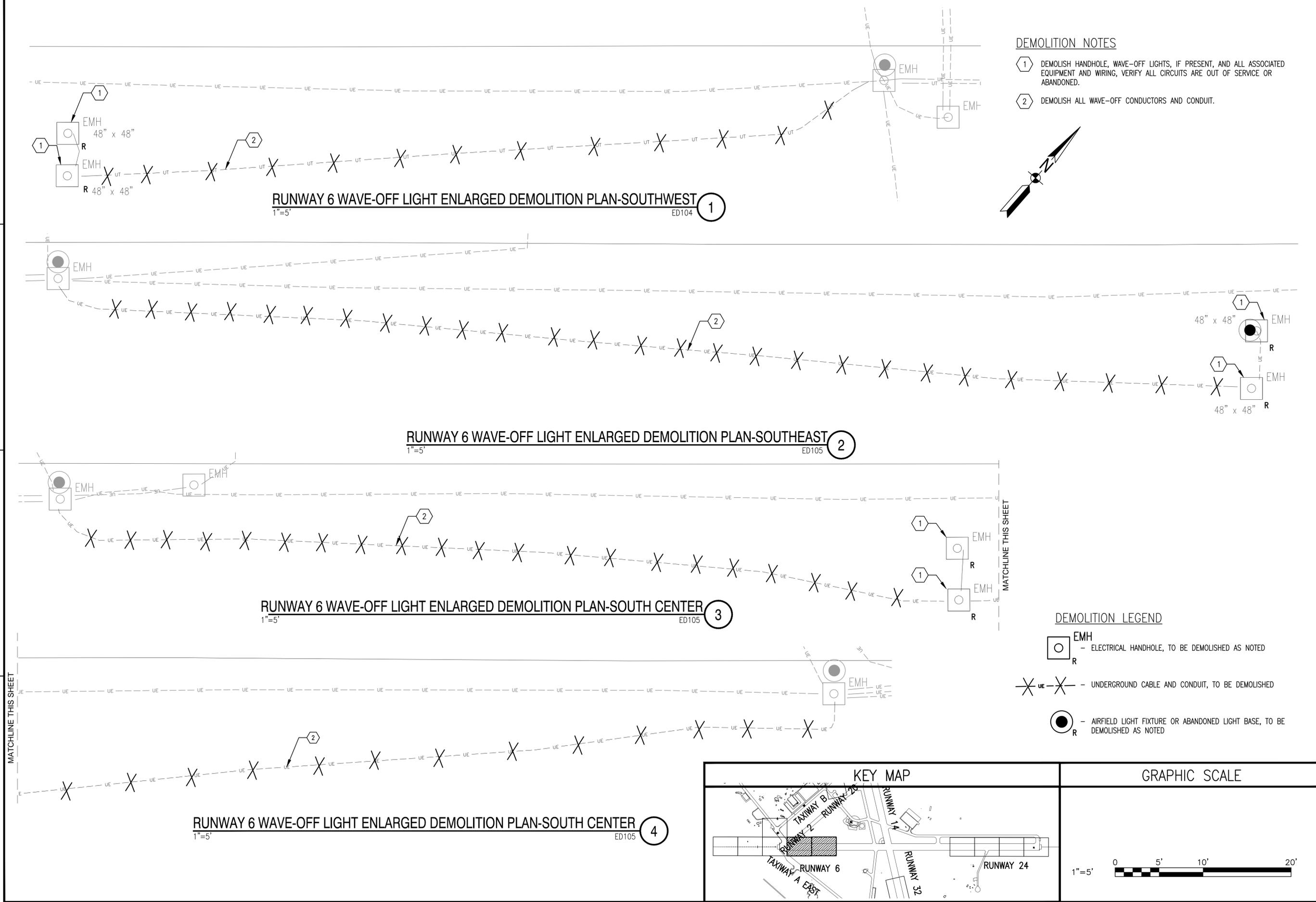
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3

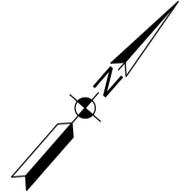
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FILE NAME: C:\VHPA\100851_003_FY16_Repairs_Runways_CADD\Phase 2\Electrical_Phase 2\10-0863-003-ED406.dwg LAYOUT NAME: ED406 RUNWAY 6 WAVE-OFF ENLARGED DEMOLITION PLAN PLOTTED: Tuesday, September 27, 2016 - 9:46am USER: must



- DEMOLITION NOTES**
- 1 DEMOLISH HANDHOLE, WAVE-OFF LIGHTS, IF PRESENT, AND ALL ASSOCIATED EQUIPMENT AND WIRING, VERIFY ALL CIRCUITS ARE OUT OF SERVICE OR ABANDONED.
 - 2 DEMOLISH ALL WAVE-OFF CONDUCTORS AND CONDUIT.



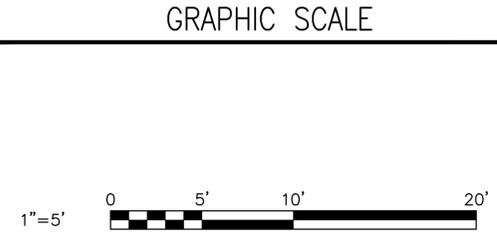
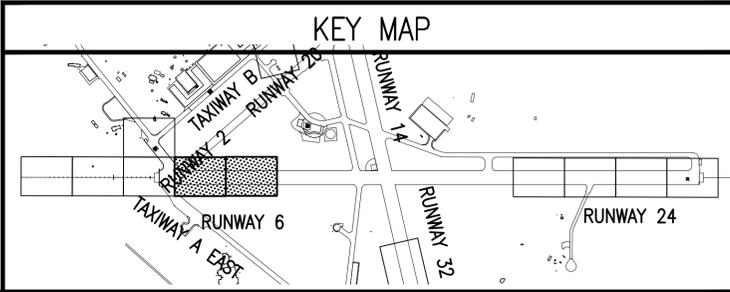
RUNWAY 6 WAVE-OFF LIGHT ENLARGED DEMOLITION PLAN-SOUTHWEST
1"=5' ED104 1

RUNWAY 6 WAVE-OFF LIGHT ENLARGED DEMOLITION PLAN-SOUTHEAST
1"=5' ED105 2

RUNWAY 6 WAVE-OFF LIGHT ENLARGED DEMOLITION PLAN-SOUTH CENTER
1"=5' ED105 3

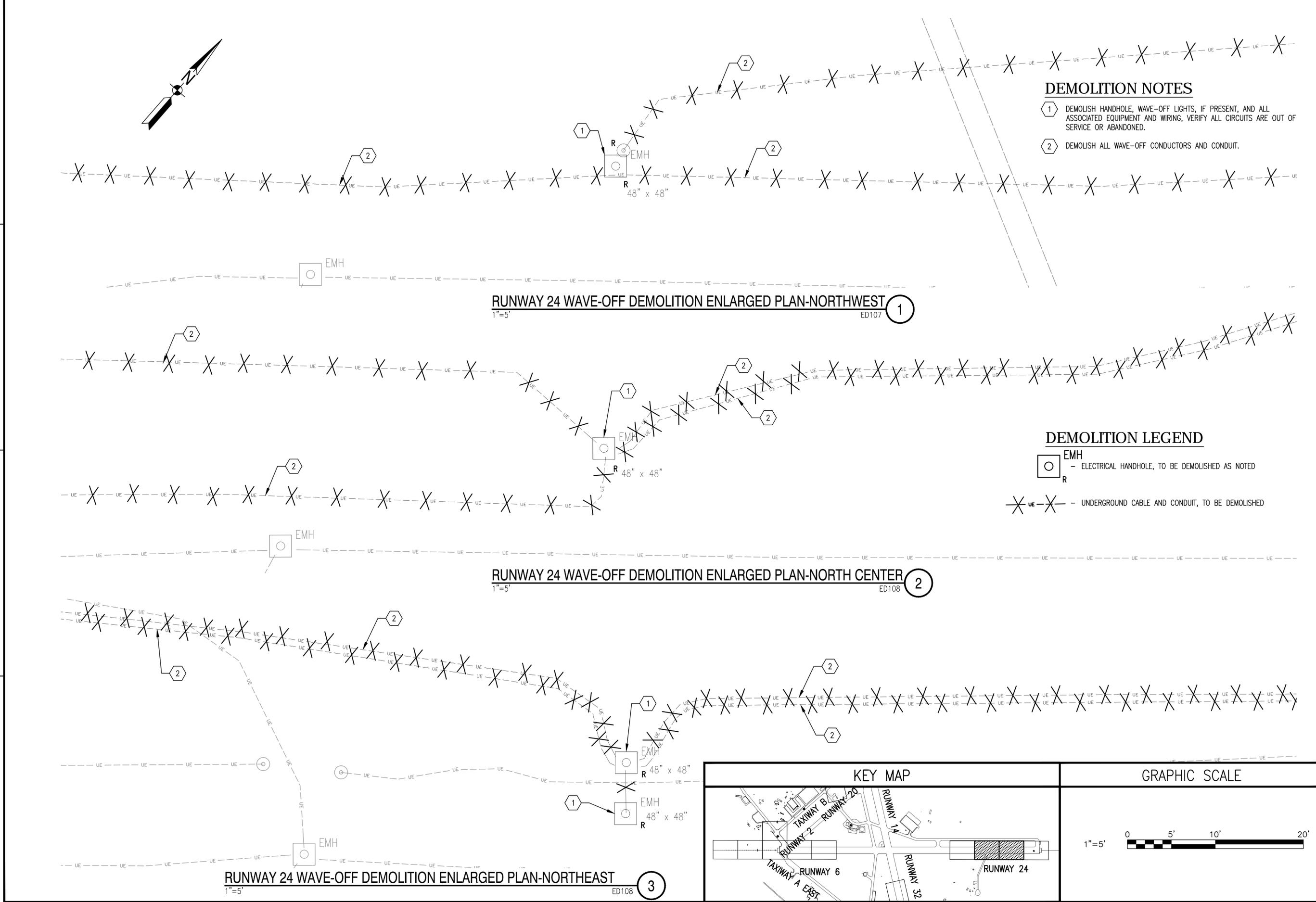
RUNWAY 6 WAVE-OFF LIGHT ENLARGED DEMOLITION PLAN-SOUTH CENTER
1"=5' ED105 4

- DEMOLITION LEGEND**
- EMH - ELECTRICAL HANDHOLE, TO BE DEMOLISHED AS NOTED
 - UE - UNDERGROUND CABLE AND CONDUIT, TO BE DEMOLISHED
 - AIRFIELD LIGHT FIXTURE OR ABANDONED LIGHT BASE, TO BE DEMOLISHED AS NOTED



APPROVED	DATE	APPR
FOR COMMANDER NAVFAC		
ACTIVITY		
JAMES FLETCHER PER CHECKLIST	SATISFACTORY TO DATE 9/27/2016	
DES: RCH	DRW: RCH	CHK: DJP
FM/DM: RH		
BRANCH MANAGER		
CHEF/ENG/ARCH: E. GALLAHER, PE		
DEPARTMENT OF THE NAVY	NAVFAC WASHINGTON	NAVY FACILITIES ENGINEERING COMMAND
WASHINGTON, D.C.	PATUXENT RIVER, MARYLAND	
NAVAL AIR STATION PATUXENT RIVER	FY16 SPECIAL PROJECT RM12-2137	
	REPAIR RUNWAYS 14-32 & 6-24 - PHASE 2	
	RUNWAY 6 WAVE-OFF ENLARGED DEMOLITION PLAN	
SCALE: AS NOTED	PROJECT NO.: 1382137	
CONSTR. CONTR. NO. N40080-17-R-0002		
NAVFAC DRAWING NO. 13079977		
SHEET 119 OF 191		
ED406		
DRAWING REVISION: 10 MARCH 2009		

FILE NAME: C:\VHFA\10851_003_FY16_Repairs_Runways_CADD\Phase 2\Electrical_Phase 2\10-0865-003-ED408.dwg LAYOUT NAME: ED408 RUNWAY 24 WAVE-OFF ENLARGED DEMOLITION PLAN PLOTTED: Tuesday, September 27, 2016 9:47am USER: thurst



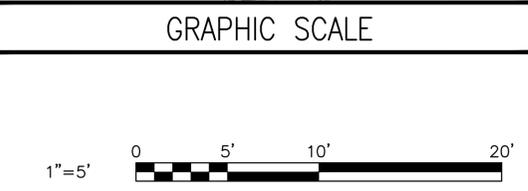
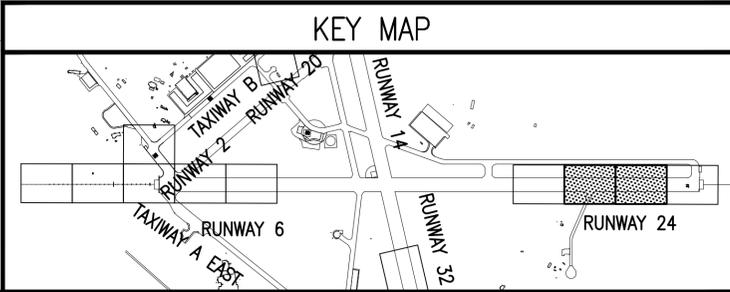
- ### DEMOLITION NOTES
- ① DEMOLISH HANDHOLE, WAVE-OFF LIGHTS, IF PRESENT, AND ALL ASSOCIATED EQUIPMENT AND WIRING, VERIFY ALL CIRCUITS ARE OUT OF SERVICE OR ABANDONED.
 - ② DEMOLISH ALL WAVE-OFF CONDUCTORS AND CONDUIT.

- ### DEMOLITION LEGEND
- ELECTRICAL HANDHOLE, TO BE DEMOLISHED AS NOTED
 - UNDERGROUND CABLE AND CONDUIT, TO BE DEMOLISHED

RUNWAY 24 WAVE-OFF DEMOLITION ENLARGED PLAN-NORTHWEST
1"=5' ED107 ①

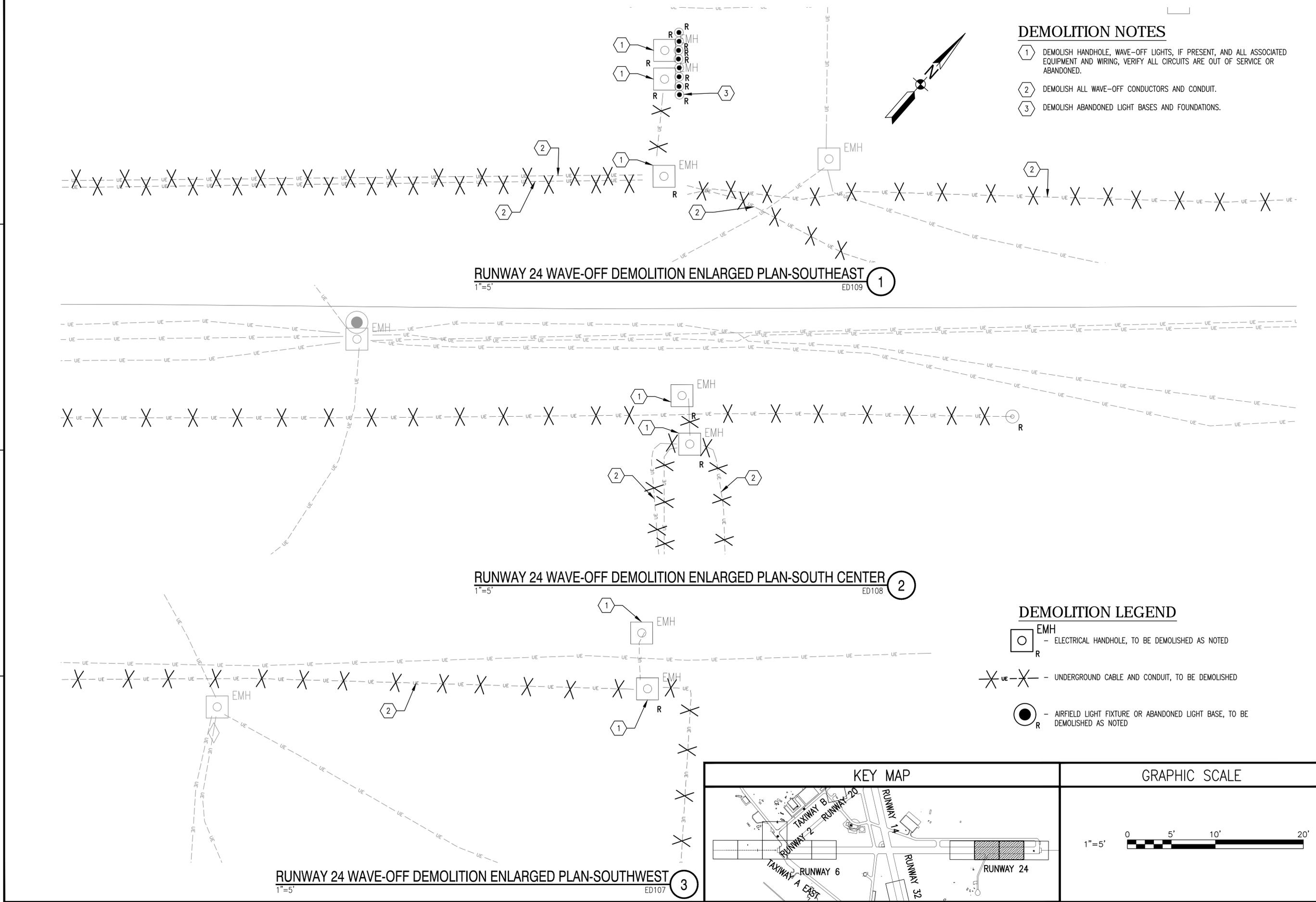
RUNWAY 24 WAVE-OFF DEMOLITION ENLARGED PLAN-NORTH CENTER
1"=5' ED108 ②

RUNWAY 24 WAVE-OFF DEMOLITION ENLARGED PLAN-NORTHEAST
1"=5' ED108 ③



	DATE
	APPR
	DESCRIPTION
	SYN
	
	
Professional Certification I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A FULLY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 04784, EXPIRATION DATE: 07/26/17.	
JOHNSON, MIRMIRAN & THOMPSON <i>Gannett Fleming</i> A Joint Venture 272 Bessie Road, Suite 260 Virginia Beach, Virginia, 23452 Telephone: (757) 499-1895 Web: www.jmt.com	
A/E: NFO	
APPROVED	
FOR COMMANDER NAVAC:	
ACTIVITY	
JAMES FLETCHER PER CHECKLIST SATISFACTORY TO DATE 9/27/2016	
DES: RCH	DRW: RCH
CHK: DJP	
FM/DM: RH	
BRANCH MANAGER	
CHIEF ENG/ARCH: E. CALLAHER, PE	
DEPARTMENT OF THE NAVY EPT BLUE NAVFAC WASHINGTON NAVAL FACILITIES ENGINEERING COMMAND WASHINGTON, D.C.	PATUXENT RIVER, MARYLAND NAVAL AIR STATION FY16 SPECIAL PROJECT RM12-2137 REPAIR RUNWAYS 14-32 & 6-24 - PHASE 2 RUNWAY 24 WAVE-OFF ENLARGED DEMOLITION PLAN
SCALE: AS NOTED	
PROJECT NO.: 1382137	
CONSTR. CONTR. NO. N40080-17-R-0002	
NAVFAC DRAWING NO. 13079979	
SHEET 121 OF 191	
ED408	
DRAWING REVISION: 10 MARCH 2009	

FILE NAME: C:\VHPA\10863_003_FY16_Repairs_Runways_CADD\Phase 2\Electrical_Phase 2\10-0863-003-ED409.dwg LAYOUT NAME: ED409 RUNWAY 24 WAVE-OFF ENLARGED DEMOLITION PLAN PLOTTED: Tuesday, September 27, 2016 - 9:49am USER: thurst



DEMOLITION NOTES

- 1 DEMOLISH HANDHOLE, WAVE-OFF LIGHTS, IF PRESENT, AND ALL ASSOCIATED EQUIPMENT AND WIRING, VERIFY ALL CIRCUITS ARE OUT OF SERVICE OR ABANDONED.
- 2 DEMOLISH ALL WAVE-OFF CONDUCTORS AND CONDUIT.
- 3 DEMOLISH ABANDONED LIGHT BASES AND FOUNDATIONS.

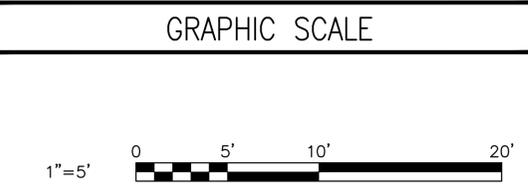
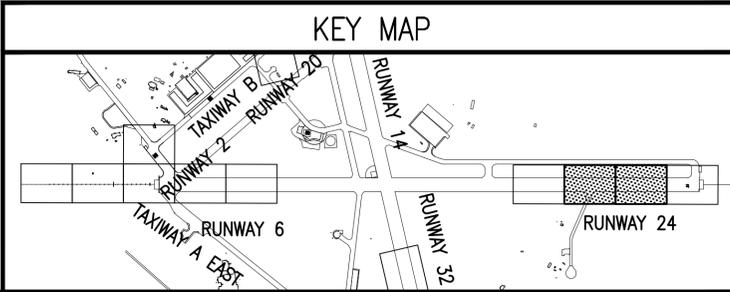
RUNWAY 24 WAVE-OFF DEMOLITION ENLARGED PLAN-SOUTHEAST
1"=5' ED109 1

RUNWAY 24 WAVE-OFF DEMOLITION ENLARGED PLAN-SOUTH CENTER
1"=5' ED108 2

RUNWAY 24 WAVE-OFF DEMOLITION ENLARGED PLAN-SOUTHWEST
1"=5' ED107 3

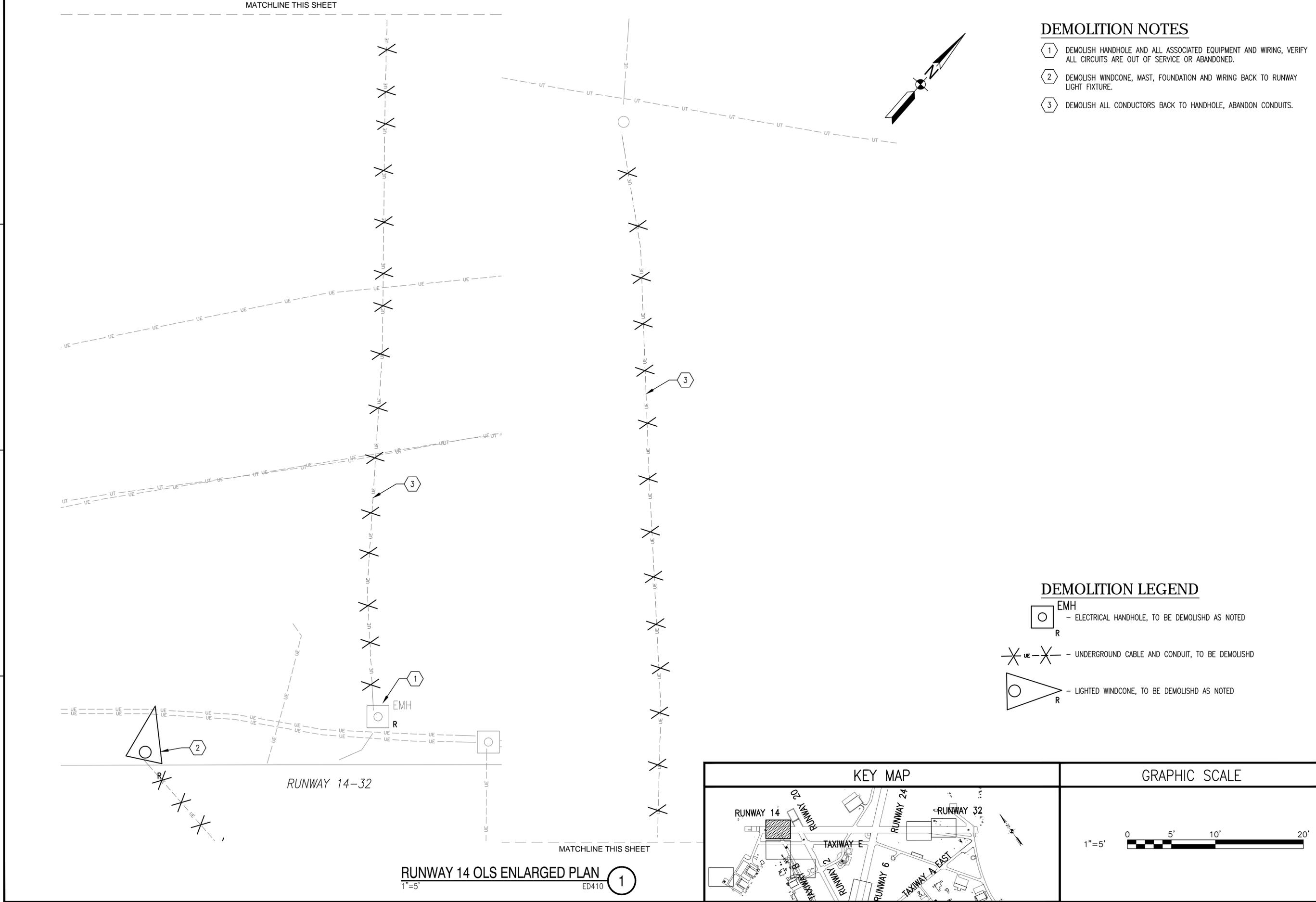
DEMOLITION LEGEND

- EMH - ELECTRICAL HANDHOLE, TO BE DEMOLISHED AS NOTED
- R - UNDERGROUND CABLE AND CONDUIT, TO BE DEMOLISHED
- ⊙ - AIRFIELD LIGHT FIXTURE OR ABANDONED LIGHT BASE, TO BE DEMOLISHED AS NOTED



APPROVED	DATE	APPR
FOR COMMANDER NAVFAC		
ACTIVITY		
JAMES FLETCHER PER CHECKLIST	DATE 9/27/2016	
DES: RCH	DRW: RCH	CHK: DJP
FM/DM: RH		
BRANCH MANAGER		
CHEF ENG/ARCH: E. GALLAHER, PE		
DEPARTMENT OF THE NAVY	NAVFAC WASHINGTON	NAVY FACILITIES ENGINEERING COMMAND
EPT BLUE	WASHINGTON, D.C.	
NAVAL AIR STATION PATUXENT RIVER	PATUXENT RIVER, MARYLAND	
FY16 SPECIAL PROJECT RM12-2137		
REPAIR RUNWAYS 14-32 & 6-24 - PHASE 2		
		RUNWAY 24 WAVE-OFF ENLARGED DEMOLITION PLAN
SCALE: AS NOTED	PROJECT NO.: 1382137	
CONSTR. CONTR. NO. N40080-17-R-0002		
NAVFAC DRAWING NO. 13079980		
SHEET 122 OF 191		
ED409		
DRAWING REVISION: 10 MARCH 2009		

FILE NAME: C:\VHPA\100863_009_FY16_Repair_Runways_CADD\Phase 2\Electrical\Phase 2\Electrical_Phase 2\Runways_14_OLS_ENLARGED_DEMOLITION_PLAN_PLOTTED_Tuesday, September 27, 2016 9:49am USER: mhurst

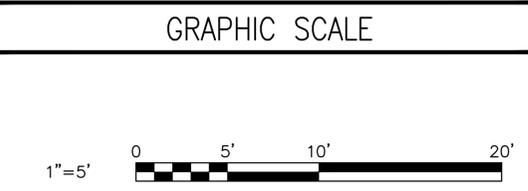
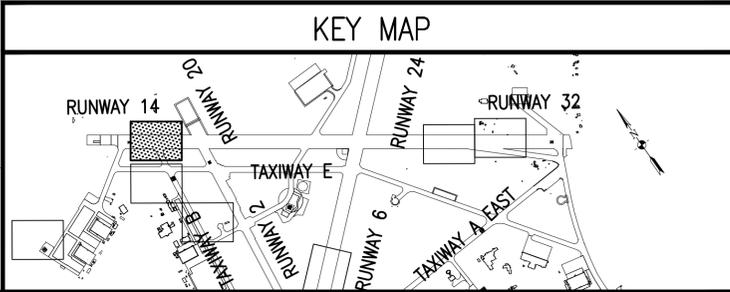


DEMOLITION NOTES

- ① DEMOLISH HANDHOLE AND ALL ASSOCIATED EQUIPMENT AND WIRING, VERIFY ALL CIRCUITS ARE OUT OF SERVICE OR ABANDONED.
- ② DEMOLISH WINDCONE, MAST, FOUNDATION AND WIRING BACK TO RUNWAY LIGHT FIXTURE.
- ③ DEMOLISH ALL CONDUCTORS BACK TO HANDHOLE, ABANDON CONDUITS.

DEMOLITION LEGEND

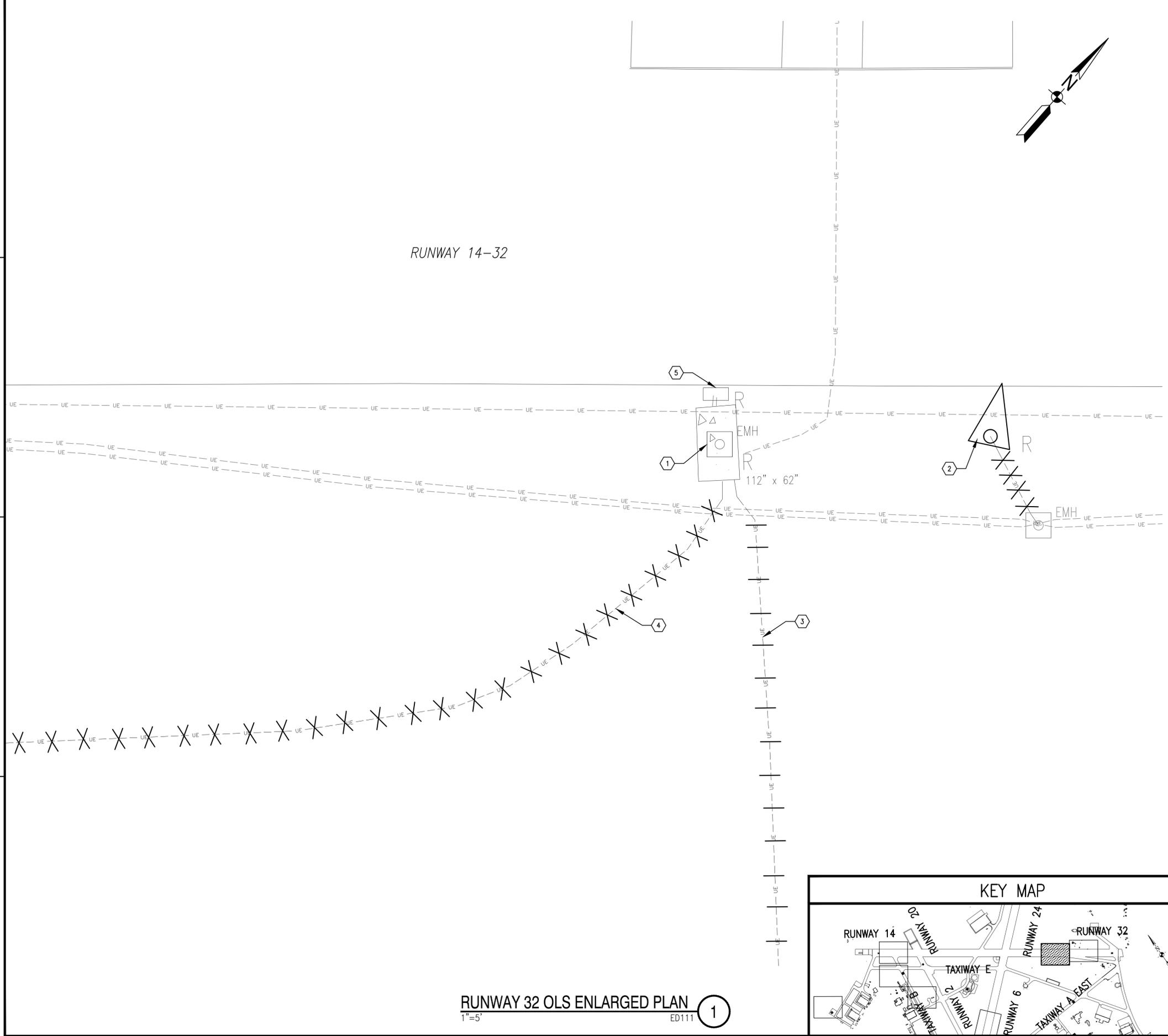
- EMH - ELECTRICAL HANDHOLE, TO BE DEMOLISHED AS NOTED
- UE - UNDERGROUND CABLE AND CONDUIT, TO BE DEMOLISHED AS NOTED
- R - LIGHTED WINDCONE, TO BE DEMOLISHED AS NOTED



RUNWAY 14 OLS ENLARGED PLAN
1"=5' ED410 ①

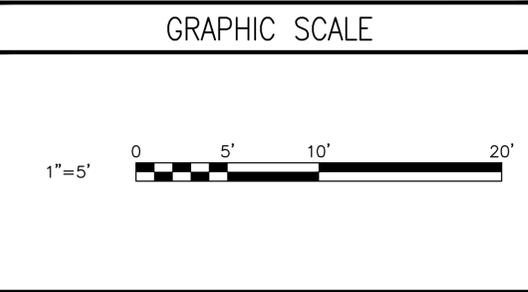
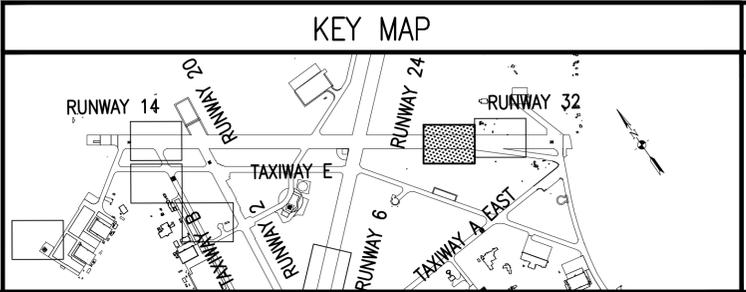
	APPR
	DATE
	DESCRIPTION
<p>Professional Certification I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 84769, EXPIRATION DATE: 07/26/17.</p>	
<p>JOHNSON, MIRMIRAN & THOMPSON <i>Gannett Fleming</i> A Joint Venture 272 Benning Road, Suite 260 Virginia Beach, Virginia 23452 Telephone: (757) 499-1895 Web: www.jmt.com</p>	
A/E: NFO	
APPROVED	
FOR COMMANDER NAVAFAC:	
ACTIVITY	
<p>JAMES FLETCHER PER CHECKLIST SATISFACTORY TO DATE 9/27/2016</p>	
DES: RCH	DRW: RCH
CHK: DJP	
FM/DM: RH	
BRANCH MANAGER	
CHIEF ENG/ARCH: E. CALLAHER, PE	
DEPARTMENT OF THE NAVY NAVAFAC WASHINGTON NAVAFAC WASHINGTON WASHINGTON, D.C. PATUXENT RIVER, MARYLAND FY16 SPECIAL PROJECT RM12-2137 REPAIR RUNWAYS 14-32 & 6-24 - PHASE 2 RUNWAY 14 OLS ENLARGED DEMOLITION PLAN	SCALE: AS NOTED EPROJECT NO.: 1382137 CONSTR. CONTR. NO.: N40080-17-R-0002 NAVAFAC DRAWING NO.: 13079981 SHEET 123 OF 191 ED410 <small>DRAWN FROM REVISION: 10 MARCH 2009</small>

FILE NAME: G:\VHPA\100851_005_FY16_Repairs_Runways_CADD\Phase 2\Electrical_Phase 2\10-0865-009-ED111.dwg LAYOUT NAME: ED111 RUNWAY 32 OLS ENLARGED DEMOLITION PLAN PLOTTED: Tuesday, September 27, 2016 9:50am USER: mhvst



- ### DEMOLITION NOTES
- ① DEMOLISH HANDHOLE AND ALL ASSOCIATED EQUIPMENT AND WIRING, VERIFY ALL CIRCUITS ARE OUT OF SERVICE OR ABANDONED.
 - ② DEMOLISH WINDCONE, MAST, FOUNDATION AND WIRING BACK TO RUNWAY LIGHT FIXTURE.
 - ③ DEMOLISH ALL CONDUCTORS BACK TO HANDHOLE, ABANDON CONDUITS.
 - ④ DEMOLISH ALL CABLE AND CONDUITS BACK TO SUBMERSIBLE UTILITY TRANSFORMER.
 - ⑤ DEMOLISH ELECTRICAL DISCONNECT.

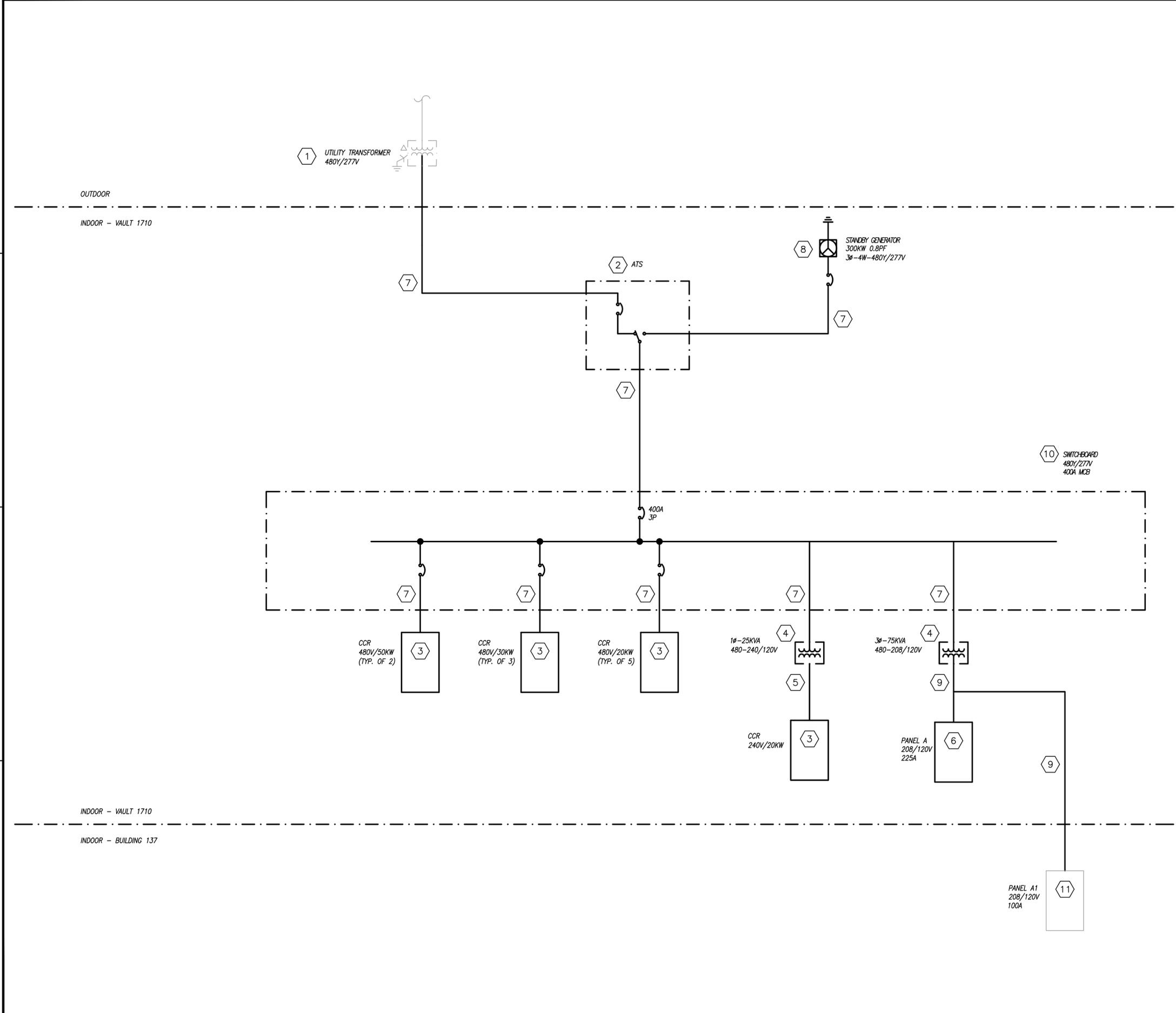
- ### DEMOLITION LEGEND
- EMH - ELECTRICAL HANDHOLE, TO BE DEMOLISHED AS NOTED
 - R - STAND MOUNTED ELECTRICAL DISCONNECT
 - UE - UNDERGROUND CABLE AND CONDUIT, TO BE DEMOLISHED
 - UE - UNDERGROUND CABLE AND CONDUIT, REMOVE CABLE AND ABANDON CONDUIT
 - R - LIGHTED WINDCONE, TO BE DEMOLISHED AS NOTED



RUNWAY 32 OLS ENLARGED PLAN
1"=5' ED111 ①

	APPR
	DATE
	DESCRIPTION
Professional Certification I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 24709, EXPIRATION DATE: 07/26/17.	
JOHNSON, MIRMIRAN & THOMPSON Gannett Fleming A Joint Venture 272 Bengt Road, Suite 260 Virginia Beach, Virginia, 23452 Telephone: (757) 499-1895 Web: www.jmt.com	
A/E: NFO	
APPROVED	
FOR COMMANDER NAVAFAC:	
ACTIVITY	
JAMES FLETCHER PER CHECKLIST SATISFACTORY TO DATE 9/27/2016	
DES: RCH	DRW: RCH
CHK: DJP	
FM/DM: RH	
BRANCH MANAGER	
CHIEF ENG/ARCH: E. GALLAHER, PE	
DEPARTMENT OF THE NAVY EPT BLUE NAVAFAC WASHINGTON WASHINGTON, D.C.	PATUXENT RIVER, MARYLAND FY16 SPECIAL PROJECT RM12-2137 REPAIR RUNWAYS 14-32 & 6-24 - PHASE 2 RUNWAY 32 OLS ENLARGED DEMOLITION PLAN
SCALE: AS NOTED	
EPROJECT NO.: 1382137	
CONSTR. CONTR. NO. N40080-17-R-0002	
NAVAFAC DRAWING NO. 13079982	
SHEET 124 OF 191	
ED411	
DRAWING REVISION: 10 MARCH 2009	

FILE NAME: H:\59487 Proj - River\Electrical\Panel\10-0863-009-ED602.dwg LAYOUT NAME: Layout1 PLOTTED: Tuesday, September 27, 2016 - 10:43am USER: jfcthe



GENERAL DEMOLITION NOTES:

1. REFER TO DRAWINGS EA001 THRU EA003 FOR ELECTRICAL LEGEND, ABBREVIATIONS AND NOTES.
2. REFER TO DRAWING E-601 FOR NEW WORK ONE-LINE DIAGRAM AND NOTES.
3. INFORMATION SHOWN ON THE DRAWINGS RETAINING TO ELECTRICAL EQUIPMENT AND DEVICES SHOWN TO BE DEMOLISHED MUST BE DEMOLISHED ALONG WITH ASSOCIATED FEEDERS, BRANCH CIRCUITS, AND CONDUITS. WIRING MUST BE REMOVED BACK TO THE SOURCE. REMOVE CONDUITS ASSOCIATED WITH DEMOLISHED EQUIPMENT EXCEPT CONDUITS CONCEALED IN WALLS OR FLOOR SLABS. CONTRACTOR MUST DISCONNECT, MAKE SAFE, AND REMOVE LIGHT FIXTURES, RECEPTACLES AND OTHER ASSOCIATED ELECTRICAL EQUIPMENT AND ASSOCIATED CIRCUITRY, EXCEPT AS SHOWN OTHERWISE.
4. PRIOR TO DEMOLITION, CONTRACTOR MUST COORDINATE WITH OTHER DISCIPLINES AND FIELD VERIFY EACH BRANCH CIRCUIT AND MAINTAIN THOSE CIRCUITS THAT EXTEND OUTSIDE OF THE SCOPE OF WORK.
5. ALL ITEMS NOT TO BE SALVAGED MUST BE DEMOLISHED AND PROPERLY DISPOSED BY CONTRACTOR.

DEMOLITION KEYNOTES:

- 1 EXISTING UTILITY TRANSFORMER TO BE REMOVED BY OTHERS.
- 2 DEMOLISH EXISTING AUTOMATIC TRANSFER SWITCH, ASSOCIATED WIRING AND CONDUITS.
- 3 DEMOLISH EXISTING CCR, ASSOCIATED WIRING AND CONDUITS.
- 4 DEMOLISH EXISTING STEP-DOWN TRANSFORMER, ASSOCIATED WIRING AND CONDUITS.
- 5 DEMOLISH EXISTING 240V FEEDER WIRING AND CONDUITS.
- 6 DEMOLISH EXISTING PANELBOARD, ASSOCIATED WIRING AND CONDUITS.
- 7 DEMOLISH EXISTING 480V FEEDER WIRING AND CONDUITS.
- 8 DEMOLISH EXISTING GENERATOR, BREAKER, ASSOCIATED WIRING AND CONDUITS.
- 9 DEMOLISH EXISTING 208V FEEDER WIRING AND CONDUITS.
- 10 DEMOLISH EXISTING SWITCHBOARD, ASSOCIATED WIRING AND CONDUITS.
- 11 EXISTING TO REMAIN PANEL A1 IN BUILDING 137. DEMOLISH EXISTING 208V FEEDER TO PANEL A1 FROM TRANSFORMER IN VAULT 1710. PANEL A1 SHALL BE FED FROM NEW SOURCE TO BE DETERMINED BY ELECTRICAL CONTRACTOR. PROVIDE NEW CIRCUIT BREAKER, DISCONNECT SWITCH, WIRING, CONDUIT, AND ALL OTHER APPURTENANCES AS NECESSARY FOR A FULLY FUNCTIONAL SYSTEM. COORDINATE WITH NAVFAC AND UTILITY FOR SERVICE LOCATION AND REQUIREMENTS.

APPROVED	DATE	APP'R
PER COMMANDER NAVFAC		
ACTIVITY		
JAMES FLETCHER PER CHECKLIST	SATISFACTORY TO DATE 9/27/2016	
DES JER	DRW JER	CHK MG
PM/TM RH		
BRANCH MANAGER		
CHIEF ENG/ARCH E. GALLAHER, PE		
DEPARTMENT OF THE NAVY	NAVFAC WASHINGTON	WASHINGTON, D.C.
NAVAL FACILITIES ENGINEERING COMMAND	PATUXENT RIVER, MARYLAND	
NAVAL AIR STATION PATUXENT RIVER	FY16 SPECIAL PROJECT RM12-2137	
	REPAIR RUNWAYS 14-32 & 6-24 - PHASE 2	
	VAULT 1710 ONE-LINE DIAGRAM DEMOLITION	
SCALE: NTS	PROJECT NO.: 1382137	
CONSTR. CONTR. NO. N40080-17-R-0002		
NAVFAC DRAWING NO. 13079984		
SHEET 126 OF 191		
ED602		
DRAWFORM REVISION: 10 MARCH 2009		



RUNWAY 6 PRE THRESHOLD BAR
NOT TO SCALE ED103 **B1**



WINDCONE - HELIPAD ON TAXIWAY ALPHA
NOT TO SCALE ED115 **B2**



BUILDING 1337
NOT TO SCALE ED115 **B3**



RUNWAY 32 OLS UNDERGROUND VAULT
NOT TO SCALE ED111 **B4**



WINDCONE - RUNWAY 32 END
NOT TO SCALE ED112 **B5**



OLS SITE - RUNWAY 14 OLS
NOT TO SCALE ED110 **B6**



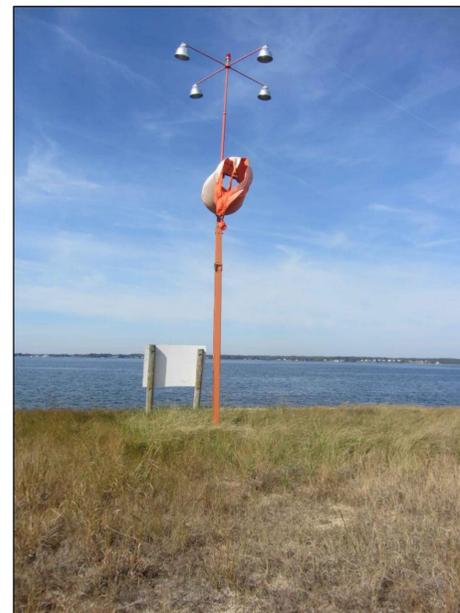
APPROACH LIGHT STAND - RUNWAY 6 ALSF-1
NOT TO SCALE ED101 **B7**



REGULATORS-VAULT 155
NOT TO SCALE ED102 **B8**



OPEN BUS TRANSFORMERS-VAULT 155
NOT TO SCALE ED102 **B9**



WINDCONE - NAWC HELIPAD
NOT TO SCALE ED116 **B10**



LIGHTING VAULT E-1710
NOT TO SCALE ED113 **B11**



LIGHTING VAULT E-1710
NOT TO SCALE ED113 **B12**



LIGHTING VAULT E-1710
NOT TO SCALE ED113 **B13**



MANHOLE-TAXIWAY BRAVO
NOT TO SCALE ED113 **B14**



UTILITY METER - RUNWAY 24 OLS
NOT TO SCALE ED113, ED407 **B15**

SYN	DESCRIPTION	DATE	APPR



Professional Certification
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 54761, EXPIRATION DATE: 07/26/17.

JOHNSON, MIRMIRAN & THOMPSON
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A Joint Venture
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Virginia Beach, Virginia, 23452
Telephone: (757) 499-1895
Web: www.jmt.com

APPROVED: _____
FOR COMMANDER NAVAC: _____
ACTIVITY: _____
JAMES FLETCHER PER CHECKLIST
SATISFACTORY TO DATE 9/27/2016
DES: RCH | DRW: RCH | CHK: DJP
FM/DM: RH
BRANCH MANAGER: _____
CHIEF ENG/ARCH: E. CALLAHER, PE

DEPARTMENT OF THE NAVY
NAVFAC WASHINGTON
WASHINGTON, D.C.
PATUXENT RIVER, MARYLAND
NAVAL AIR STATION PATUXENT RIVER
FY16 SPECIAL PROJECT RM12-2137
REPAIR RUNWAYS 14-32 & 6-24 - PHASE 2
ELECTRICAL PHOTOS

SCALE: AS NOTED
PROJECT NO.: 1382137
CONSTR. CONTR. NO.: N40080-17-R-0002
NAVAC DRAWING NO.: 13079986
SHEET 128 OF 191
ED902

FILE NAME: C:\VHFA\10863_003_FY16_Repair_Runways_CADD\Phase 2\Electrical_Phase 2\10-0863-003-ED902.dwg LAYOUT NAME: ED902 ELECTRICAL PHOTOS PLOTTED: Monday, September 26, 2016 - 3:20pm USER: must